

Multifunctional laser diode manufacturer in stock



Overview

Shop DigiKey's large in-stock selection of Laser Diodes, Modules. View inventory, pricing and order now for same day shipping!

Key Takeaways

Top multifunctional laser diode suppliers with in-stock inventory include Frankfurt Laser Company, ProPhotonix, Mouser Electronics, and DigiKey. Leading Manufacturers and Suppliers

Frankfurt Laser Company (FLC) offers a wide range of laser diodes including FP, DFB, DBR, VCSELs, and Quantum Cascade Lasers, covering wavelengths from 213nm to 20μm and power up to 5600W. They provide laser diode modules, free-space and fiber-coupled systems, and superluminescent diodes from 405nm to 2300nm. FLC also supports customized solutions for hard-to-get or exotic laser diode products . ProPhotonix supplies a broad selection of laser diodes from brands like Osram, Ushio, QSI, and Ondax. They maintain in-stock inventory for immediate shipping and provide technical support to optimize applications . Mouser Electronics is an authorized distributor for multiple leading manufacturers including ams Osram, KYOCERA AVX, and ROHM Semiconductor. They offer a large selection of laser diodes with datasheets, pricing, and inventory details for quick ordering . DigiKey provides a wide in-stock selection of laser diodes and modules, with same-day shipping options and detailed product specifications for easy integration into projects .

Considerations for Selection

- **Wavelength and Power:** Choose a supplier that offers the specific wavelength and power range required for your application. FLC covers a very broad spectrum, while distributors like Mouser and DigiKey provide parametric filters to narrow down options.
- **Customization:** For specialized or obsolete parts, FLC is particularly strong in providing tailored solutions.
- **Availability and Shipping:** ProPhotonix, Mouser, and DigiKey maintain in-stock products for immediate shipping, which is ideal for urgent projects.
- **Technical Support:** Suppliers like ProPhotonix and FLC offer guidance on specifications and system integration. These suppliers collectively cover a wide range of multifunctional laser diode needs, from standard modules to high-power, custom, and exotic wavelength solutions.

Article Content

Laser Diodes | Authorized Distributor

Laser Arrow is an authorized distributor of Laser Diodes from industry-leading manufacturers. Find datasheets, pricing, and

Laser Diodes, Modules | Optoelectronics | DigiKey

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High Power Laser Diodes

With more than 25 years of experience as both a supplier and an integrator of laser diodes, ProPhotonix

Laser Diodes – Mouser

Laser diodes are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for

LDX Optronics | US-Made High-Power Multimode Laser Diodes

LDX Optronics: High-power multimode laser diodes (405–1900 nm). 35+ years, US-made, dedicated cleanroom facility. Flux/void

48 Laser Diode Manufacturers in 2026

This section provides an overview for laser diodes as well as their applications and principles. Also, please take a look at the list of

Laser Diode Modules | Suppliers

Produces laser modules and distributes laser diodes from manufacturers for industrial OEMs, medical, and defense markets.

Diode Lasers – Buyer's Guide & Supplier List | RP

This buyer's guide for diode lasers provides technical background, comparison of major types, selection

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Laser Diodes | Components to Systems | UV-LWIR

A Laser Diode or semiconductor laser is the simplest form of Solid-State Laser. Laser diodes are

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A deeper dive into laser applications & their specific laser requirements needed to make your program a

Laser Diodes Manufacturers and Suppliers in the USA and Canada

Manufacturer of standard and custom laser diodes. Types include high precision, machine vision, blue, diode-pumped

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Need reliable laser diode manufacturers? Discover certified suppliers offering high-power diodes for medical, industrial,

Laser Diodes

A Laser Diode is a type of semiconductor device that produces coherent light through the process of stimulated emission. Laser

Laser diodes from 375nm to 20µm | FP, DFB, DBR, VCSEL, QCL - FLC

FLC delivers laser diodes from 375nm to 20µm: FP, DFB, DBR, VBG, VCSEL and more lasers. Customized wavelength and packaging.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

